

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062623\
 Data File : BN026025.D
 Acq On : 26 Jun 2023 13:56
 Operator : MA/JU
 Sample : 03085-18DL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFQ4DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/27/2023
 Supervised By :mohammad ahmed 06/27/2023

Quant Time: Jun 27 01:38:21 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 22 01:27:41 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.976	152	6820	0.400	ng/u1	0.00
4) Naphthalene-d8	10.787	136	22317	0.400	ng/u1	-0.01
9) Acenaphthene-d10	14.616	164	13530	0.400	ng/u1	0.00
13) Phenanthrene-d10	17.359	188	27827	0.400	ng/u1	0.00
17) Chrysene-d12	21.552	240	17050	0.400	ng/u1	0.00
23) Perylene-d12	24.025	264	14408	0.400	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.331	96	1003	0.131	ng/u1	0.00
6) 2-Methylnaphthalene-d10	12.392	152	289	0.008	ng/u1	0.01
18) Fluoranthene-d10	19.387	212	675	0.010	ng/u1	0.00
Target Compounds						
					Qvalue	
15) Phenanthrene	17.402	178	7931	0.086	ng/u1	96
19) Fluoranthene	19.419	202	31021	0.341	ng/u1	98
20) Pyrene	19.782	202	25938	0.274	ng/u1	97
21) Benzo(a)anthracene	21.535	228	12162	0.173	ng/u1	96
22) Chrysene	21.587	228	11584	0.158	ng/u1#	94
24) Benzo(b)fluoranthene	23.271	252	17834m	0.290	ng/u1	
25) Benzo(k)fluoranthene	23.318	252	5851m	0.095	ng/u1	
26) Benzo(a)pyrene	23.911	252	10022	0.188	ng/u1#	80
27) Indeno(1,2,3-cd)pyrene	26.611	276	8318	0.143	ng/u1#	91
28) Dibenzo(a,h)anthracene	26.614	278	1937	0.044	ng/u1#	17
29) Benzo(g,h,i)perylene	27.399	276	7725	0.149	ng/u1#	87

(#) = qualifier out of range (m) = manual integration (+) = signals summed

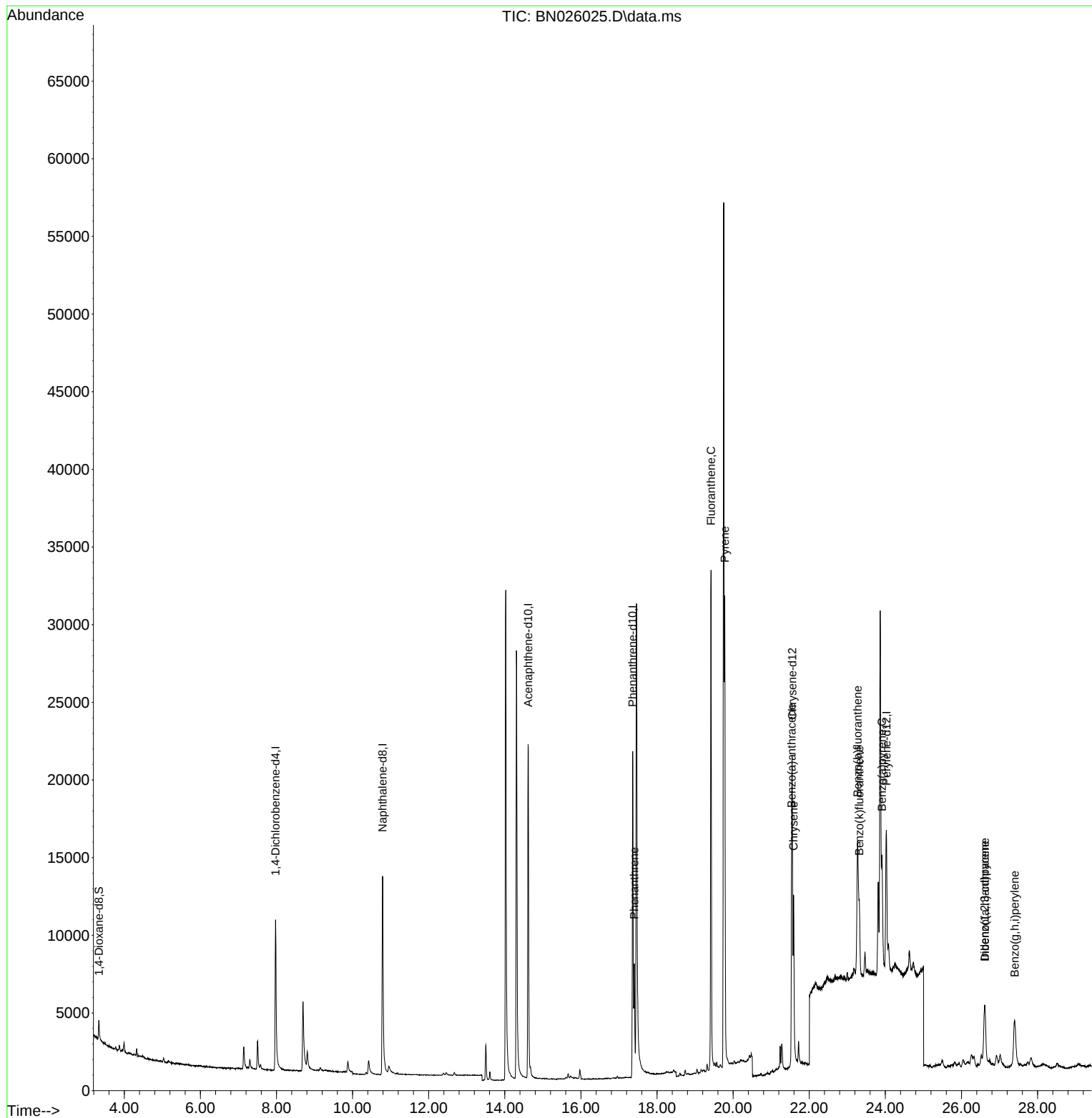
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062623\
Data File : BN026025.D
Acq On : 26 Jun 2023 13:56
Operator : MA/JU
Sample : 03085-18DL 5X
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ALS Vial : 8 Sample Multiplier: 1

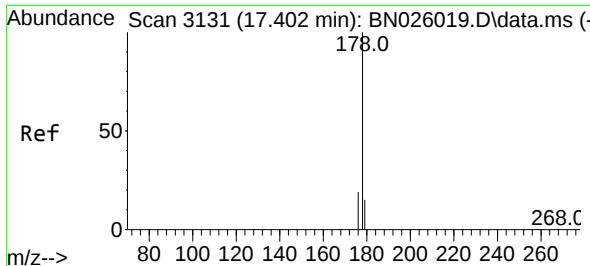
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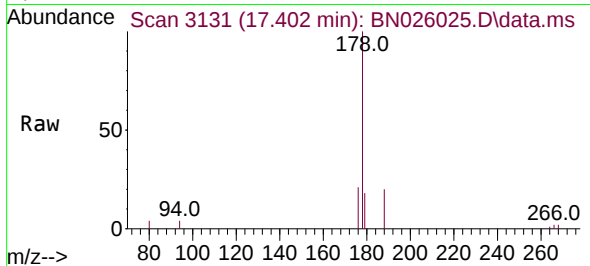
Quant Time: Jun 27 01:38:21 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 22 01:27:41 2023
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#15
Phenanthrene
Concen: 0.086 ng/ul
RT: 17.402 min Scan# 3131
Delta R.T. -0.004 min
Lab File: BN026025.D
Acq: 26 Jun 2023 13:56

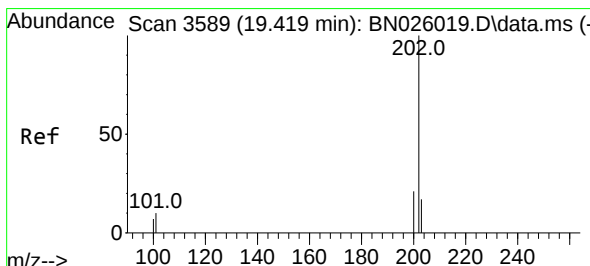
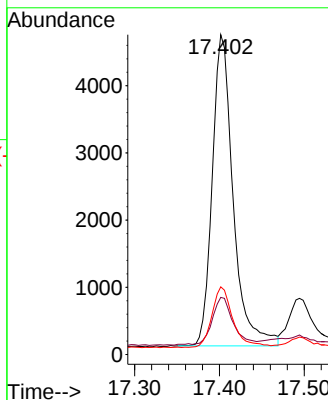
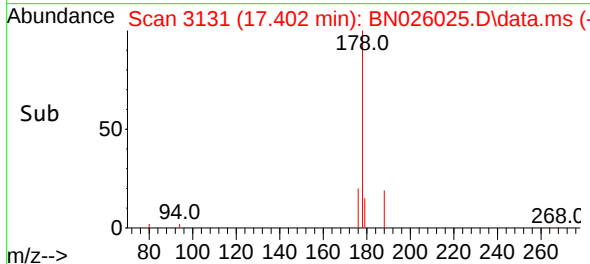
Instrument :
BNA_N
ClientSampleId :
DCFQ4DL



Tgt Ion:178 Resp: 7931
Ion Ratio Lower Upper
178 100
179 17.9 12.6 19.0
176 21.2 15.8 23.6

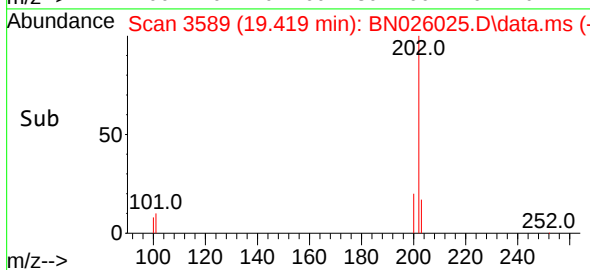
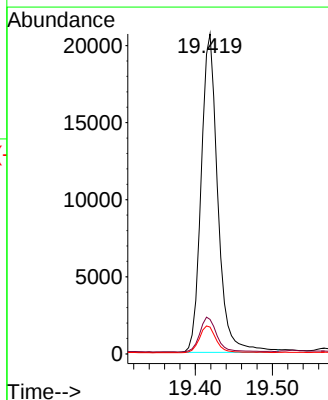
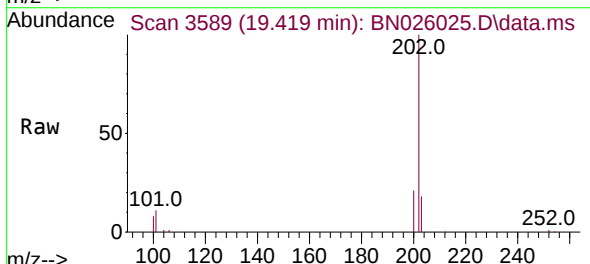
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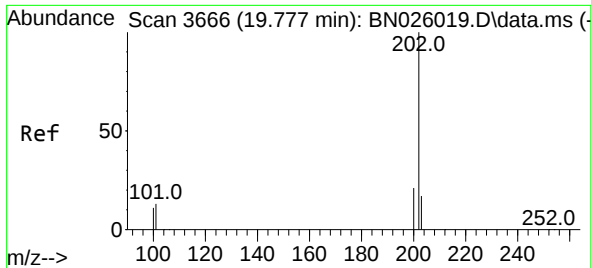
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/27/2023



#19
Fluoranthene
Concen: 0.341 ng/ul
RT: 19.419 min Scan# 3589
Delta R.T. -0.000 min
Lab File: BN026025.D
Acq: 26 Jun 2023 13:56

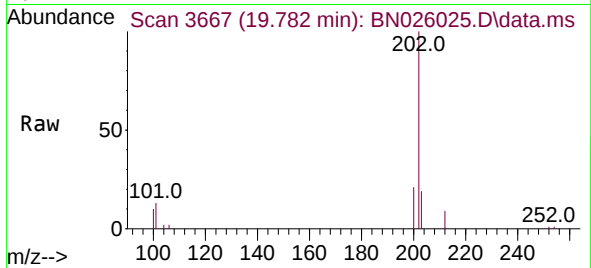
Tgt Ion:202 Resp: 31021
Ion Ratio Lower Upper
202 100
101 10.8 9.5 14.3
100 8.4 7.3 10.9





#20
Pyrene
Concen: 0.274 ng/ul
RT: 19.782 min Scan# 3667
Delta R.T. -0.000 min
Lab File: BN026025.D
Acq: 26 Jun 2023 13:56

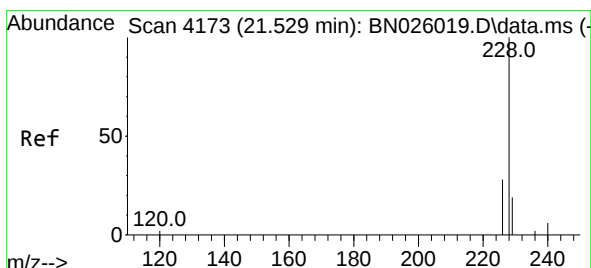
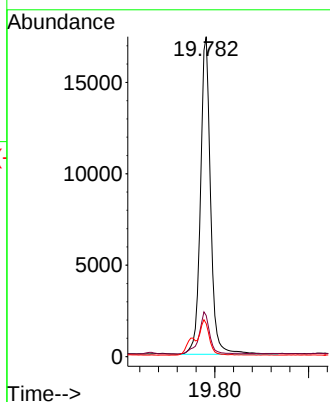
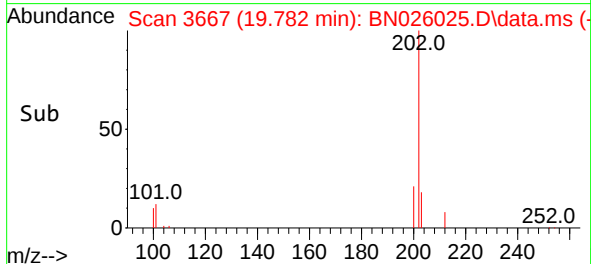
Instrument :
BNA_N
ClientSampleId :
DCFQ4DL



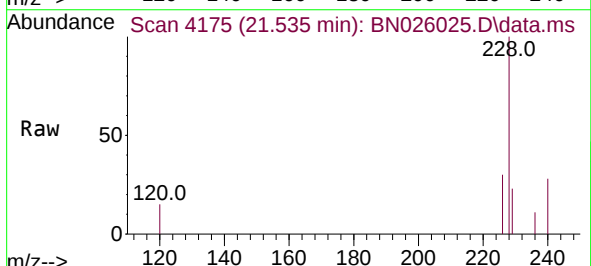
Tgt Ion:202 Resp: 25938
Ion Ratio Lower Upper
202 100
101 12.8 11.4 17.0
100 10.4 9.1 13.7

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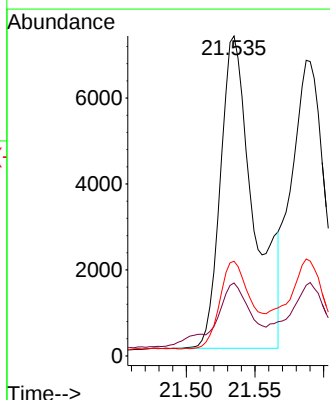
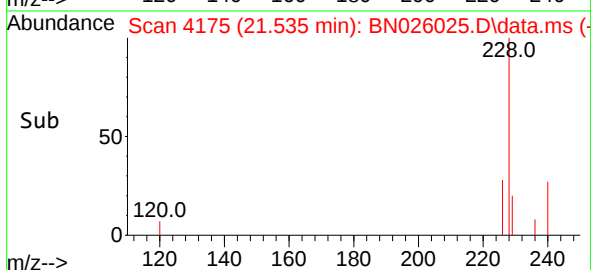
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/27/2023

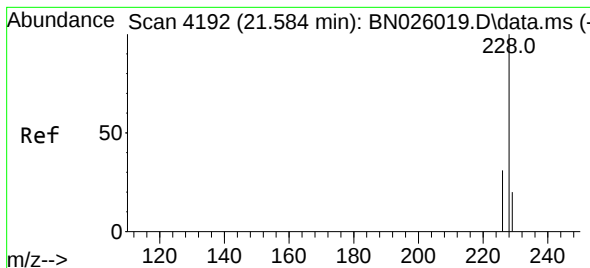


#21
Benzo(a)anthracene
Concen: 0.173 ng/ul
RT: 21.535 min Scan# 4175
Delta R.T. 0.003 min
Lab File: BN026025.D
Acq: 26 Jun 2023 13:56



Tgt Ion:228 Resp: 12162
Ion Ratio Lower Upper
228 100
229 22.8 15.8 23.6
226 29.6 22.5 33.7





#22

Chrysene

Concen: 0.158 ng/ul

RT: 21.587 min Scan# 4192

Delta R.T. 0.003 min

Lab File: BN026025.D

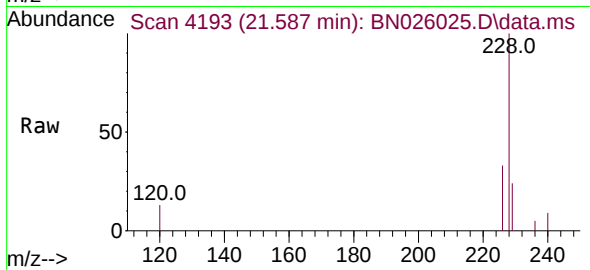
Acq: 26 Jun 2023 13:56

Instrument :

BNA_N

ClientSampleId :

DCFQ4DL



Tgt Ion:228 Resp: 11584

Ion Ratio Lower Upper

228 100

226 32.8 24.8 37.2

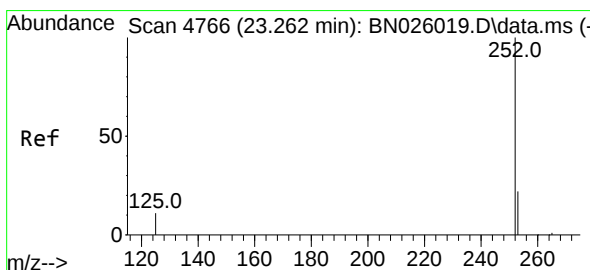
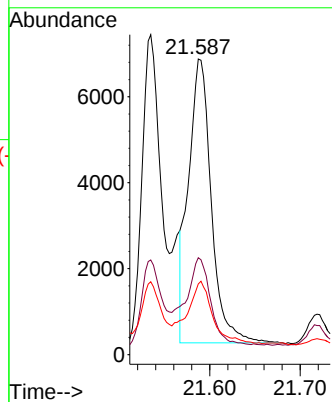
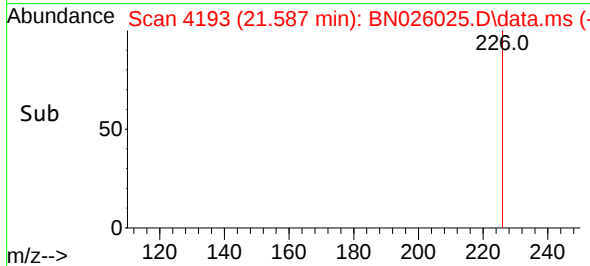
229 23.9 15.7 23.5

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Supervised By :mohammad ahmed 06/27/2023



#24

Benzo(b)fluoranthene

Concen: 0.290 ng/ul m

RT: 23.271 min Scan# 4769

Delta R.T. 0.014 min

Lab File: BN026025.D

Acq: 26 Jun 2023 13:56

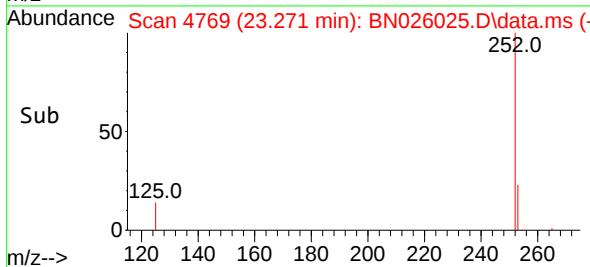
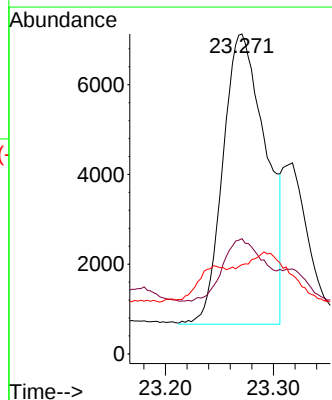
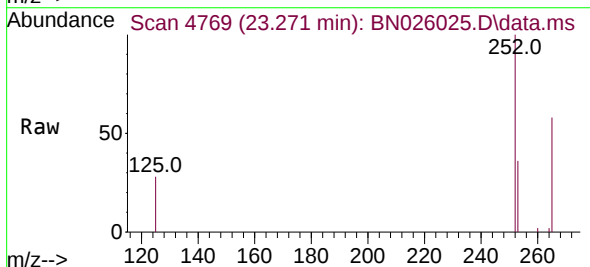
Tgt Ion:252 Resp: 17834

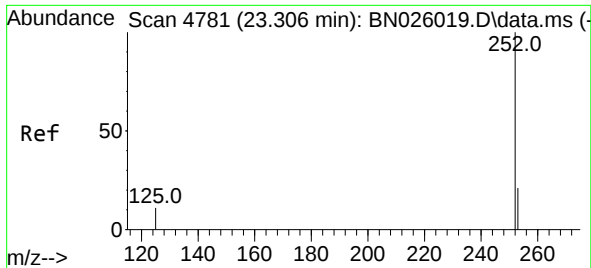
Ion Ratio Lower Upper

252 100

253 36.0 0.0 55.6

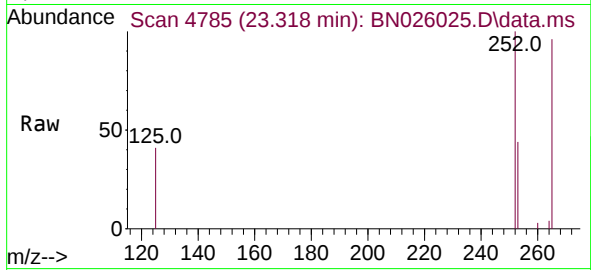
125 27.9 0.0 35.8





#25
Benzo(k)fluoranthene
Concen: 0.095 ng/ul m
RT: 23.318 min Scan# 4781
Delta R.T. 0.009 min
Lab File: BN026025.D
Acq: 26 Jun 2023 13:56

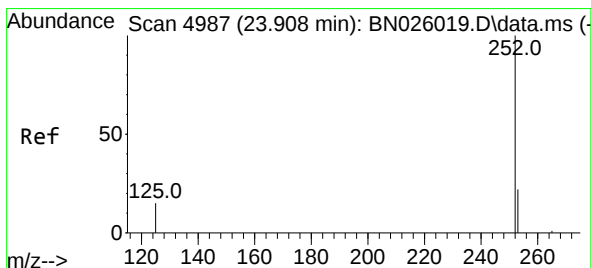
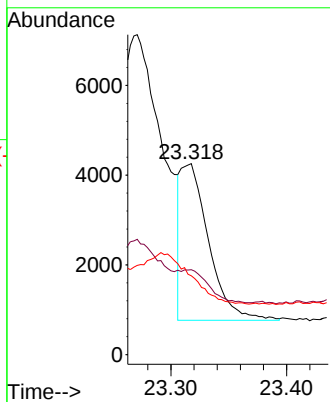
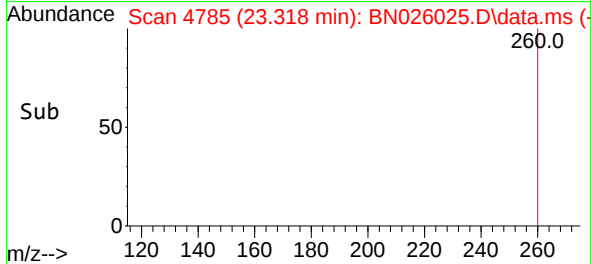
Instrument :
BNA_N
ClientSampleId :
DCFQ4DL



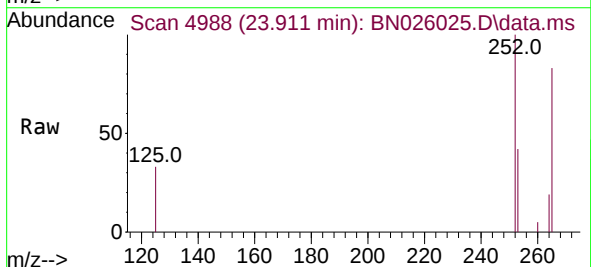
Tgt Ion:252 Resp: 585
Ion Ratio Lower Upper
252 100
253 44.5 23.2 34.8#
125 41.3 15.0 22.4#

Manual Integrations
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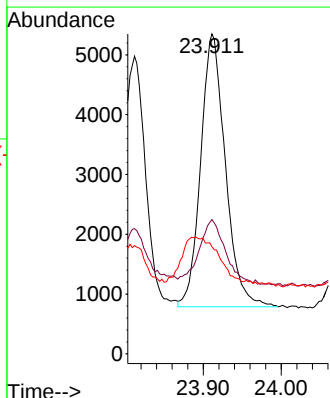
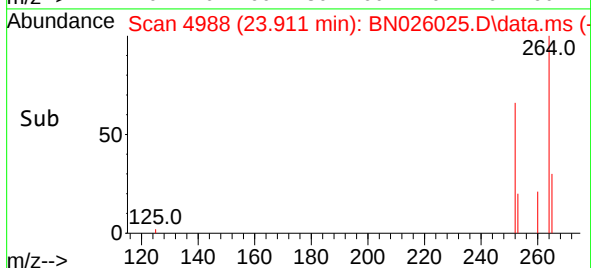
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/27/2023

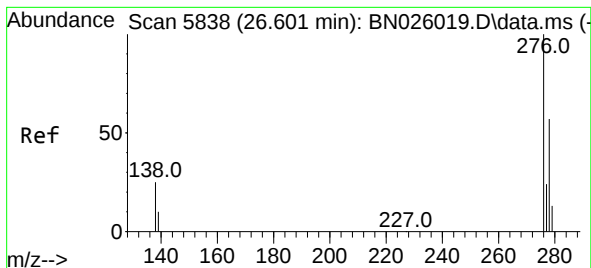


#26
Benzo(a)pyrene
Concen: 0.188 ng/ul
RT: 23.911 min Scan# 4988
Delta R.T. 0.003 min
Lab File: BN026025.D
Acq: 26 Jun 2023 13:56



Tgt Ion:252 Resp: 10022
Ion Ratio Lower Upper
252 100
253 42.0 26.0 39.0#
125 33.5 17.3 25.9#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.143 ng/ul

RT: 26.611 min Scan# 5841

Delta R.T. 0.017 min

Lab File: BN026025.D

Acq: 26 Jun 2023 13:56

Instrument :

BNA_N

ClientSampleId :

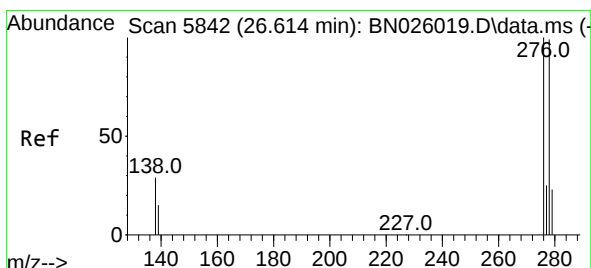
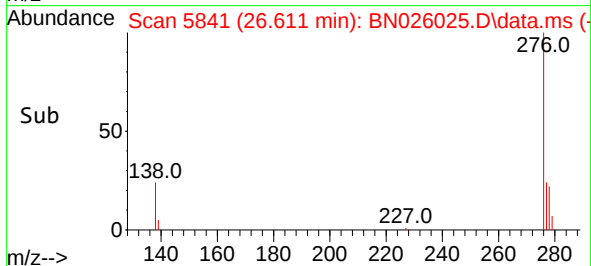
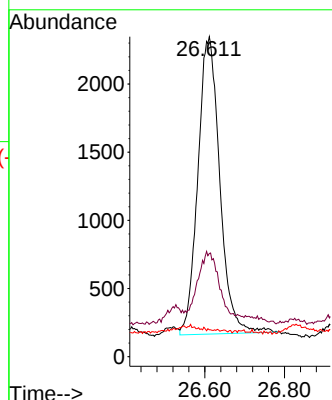
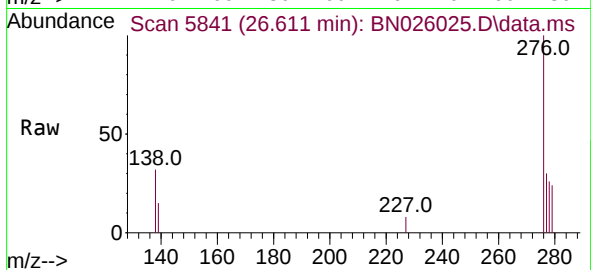
DCFQ4DL

Tgt Ion:276 Resp: 8318
 Ion Ratio Lower Upper
 276 100
 138 25.7 24.5 36.7
 227 0.0 0.0 0.0

Manual Integrations

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 Supervised By :mohammad ahmed 06/27/2023



#28

Dibenzo(a,h)anthracene

Concen: 0.044 ng/ul

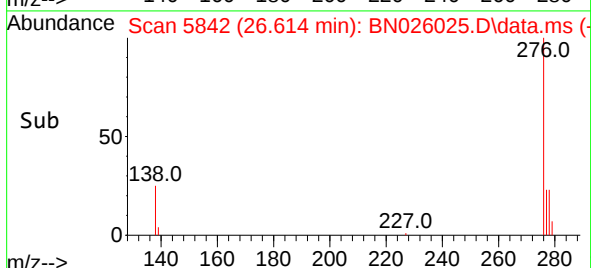
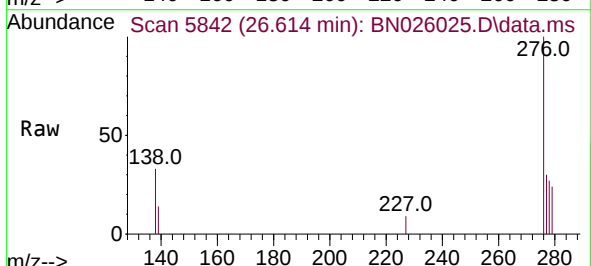
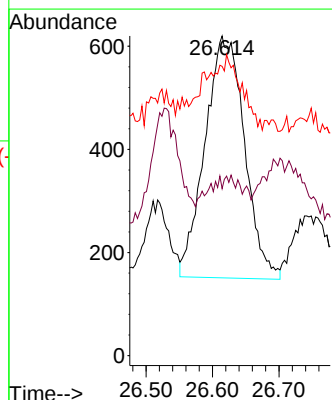
RT: 26.614 min Scan# 5842

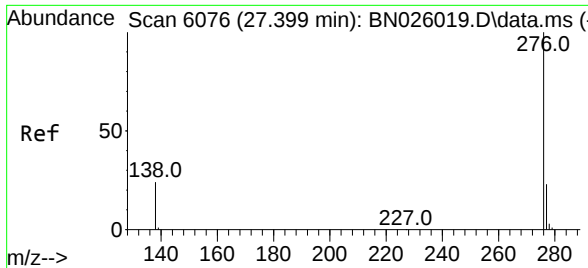
Delta R.T. -0.007 min

Lab File: BN026025.D

Acq: 26 Jun 2023 13:56

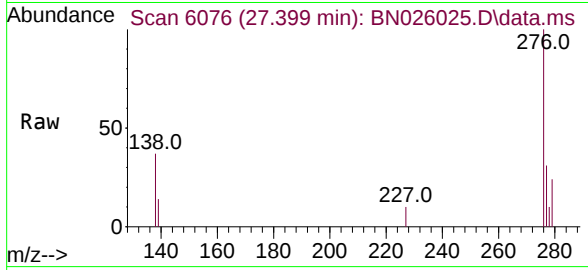
Tgt Ion:278 Resp: 1937
 Ion Ratio Lower Upper
 278 100
 139 52.3 19.0 28.4#
 279 90.5 26.7 40.1#





#29
 Benzo(g,h,i)perylene
 Concen: 0.149 ng/ul
 RT: 27.399 min Scan# 6076
 Delta R.T. 0.013 min
 Lab File: BN026025.D
 Acq: 26 Jun 2023 13:56

Instrument :
 BNA_N
 ClientSampleId :
 DCFQ4DL



Tgt Ion: 276 Resp: 7725

Ion	Ratio	Lower	Upper
276	100		
138	36.7	23.4	35.0%
277	30.6	20.0	30.0%

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